

32" LCD TV User's Manual



LTV-3211D

ATTENTION!

Please read this manual carefully before installing or operating the TV.
Keep this manual handy for further reference.

Contents

Note: All information in this manual may change from time to time without prior notice.

Introduction

Thank you very much for your purchase of our LCD TV. It serves as a normal color TV and PC Monitor. To enjoy your set to the full from the very beginning, read this manual carefully and keep it handy for ready reference.

Installation

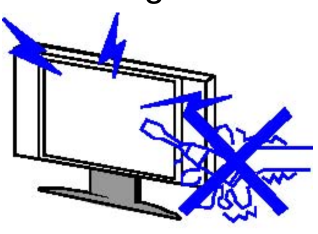
- Locate the receiver in the room where direct light does not strike the screen.
  Total darkness or a reflection on the picture screen can cause eyestrain.
  Soft and indirect lighting is recommended for comfortable viewing.
- Allow enough space between the receiver and the wall to permit ventilation.
- Avoid excessively warm locations to prevent possible damage to the cabinet or premature component failure.
- This TV receiver can be connected to AC 100~240 Volts. 50/60 Hz. Never connect to DC supply or any other power supply.
- Do not install the receiver in a location near heat sources such as radiator, air ducts, direct sunlight, or in a place somewhere like close compartment and close area.
- Do not cover the ventilation openings when using the set.

Caution

Never tamper with any components inside your set, or any other adjustment controls not mentioned in this manual. The LCD panel is a very high technology product with over 900000 thin film transistors. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your product.



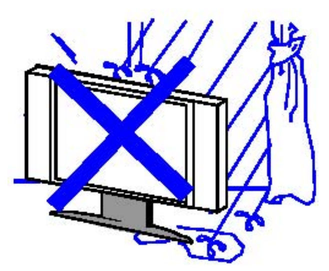
Warnings and cautions



Warning

High voltages are used in the operation of this product.
Do not remove the back cover of the cabinet. Refer servicing to qualified service personnel.

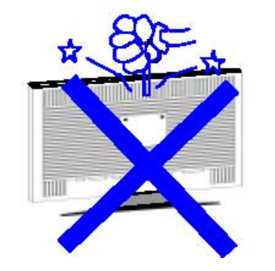




Warning

To prevent fire or electrical shock hazard, do not expose the main unit to rain or moisture.



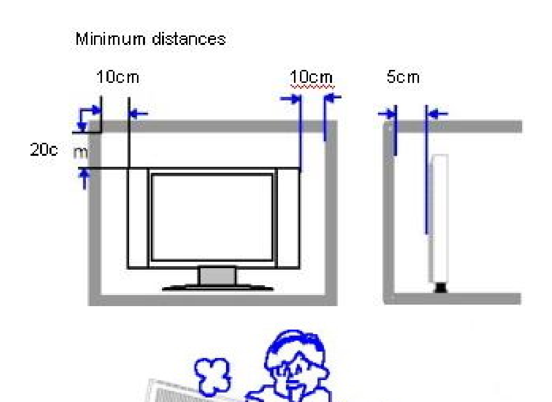


Warning

Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



Warnings and cautions



Caution

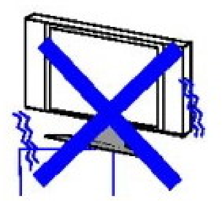
If the television is to be built into a compartment or similarly enclosed, the minimum distances must be maintained. Heat build-up can reduce the service life of your television, and can also be dangerous.



Caution

Never stand on, lean on, push suddenly the product or its stand. You should pay special attention to children.



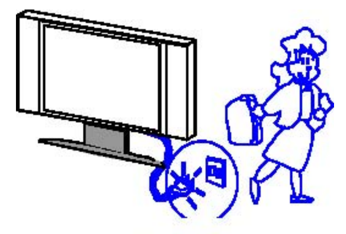


Caution

Do not place the main unit on an unstable cart stand, shelf or table. Serious injury to an individual, and damage to the television, may result if it should fall.



Warnings and cautions



Caution

When the product is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.

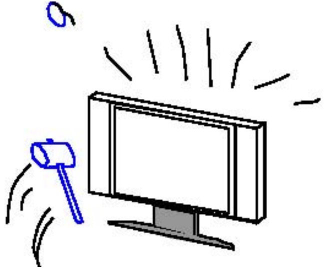




Caution

Avoid exposing the main unit to direct sunlight and other source of the heat. Do not stand the television receiver directly on other product which give off heat. E. g. video cassette players, audio amplifiers. Do not block the ventilation holes in the back cover. Ventilation is essential to prevent failure of electrical component. Do not squash power supply cord under the main unit.





Caution

The LCD panel used in this product is made of glass. Therefore**,** it can break when the product is dropped or applied with impact. Be careful not to be injured by broken glass pieces in case the LCD panel breaks.



Main unit descriptions

Control location

1.Power button

2. SOUCRE button (**TV/AV**)

3. MENU button (**MENU**)

4.Program down button (**P -**)

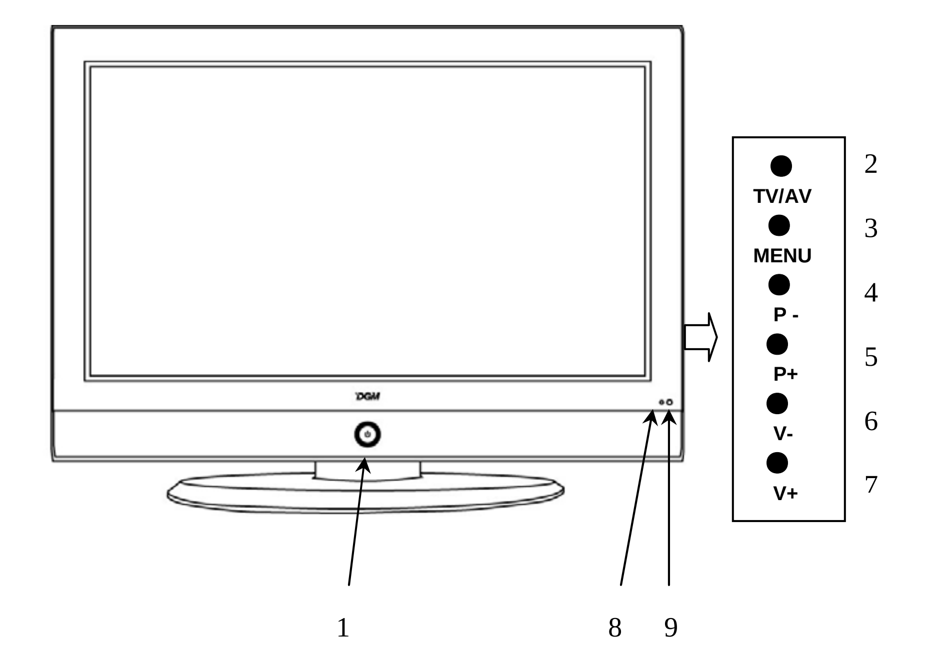
5. Program up button (**P+**)

6. Volume down button (**V-**)

7. Volume up button (**V+**)

8.Power indicator

9.Remote sensor



Note: As mentioned upon, item 1,2,3,4,5,6,7 are the local control key, respectively we can find certain button which has the same control function on the remote control.

Main unit descriptions

Control location

1. AC IN: AC switch and AC power cord socket.

2. HDMI1/ HDMI2: HDMI input socket.

3. VGA: VGA(D-Sub 15pin) input socket.

4. SCART1/ SCART2: SCART input socket.

5. S-VIDEO: S-Video input socket.

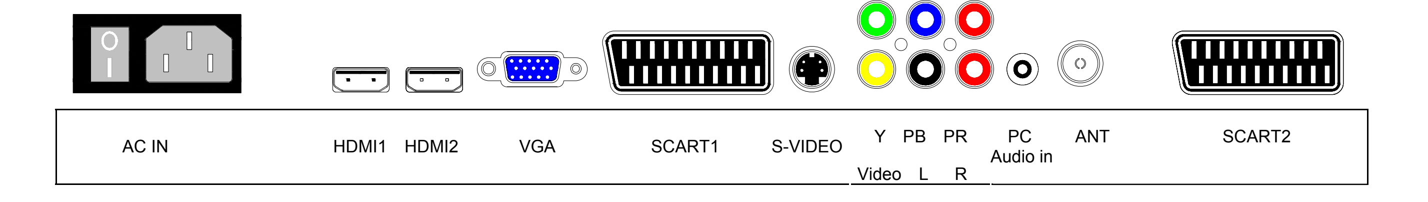
6. YPBPR: YPbPr input socket.

7. VIDEO: Video input socket.

8. L / R: Audio Left / Right input socket (for Video / S-Video / YPbPr)

9. PC AUDIO IN: PC Audio input socket (for PC / HDMI)

10. ANT: Antenna input socket (75Ω)

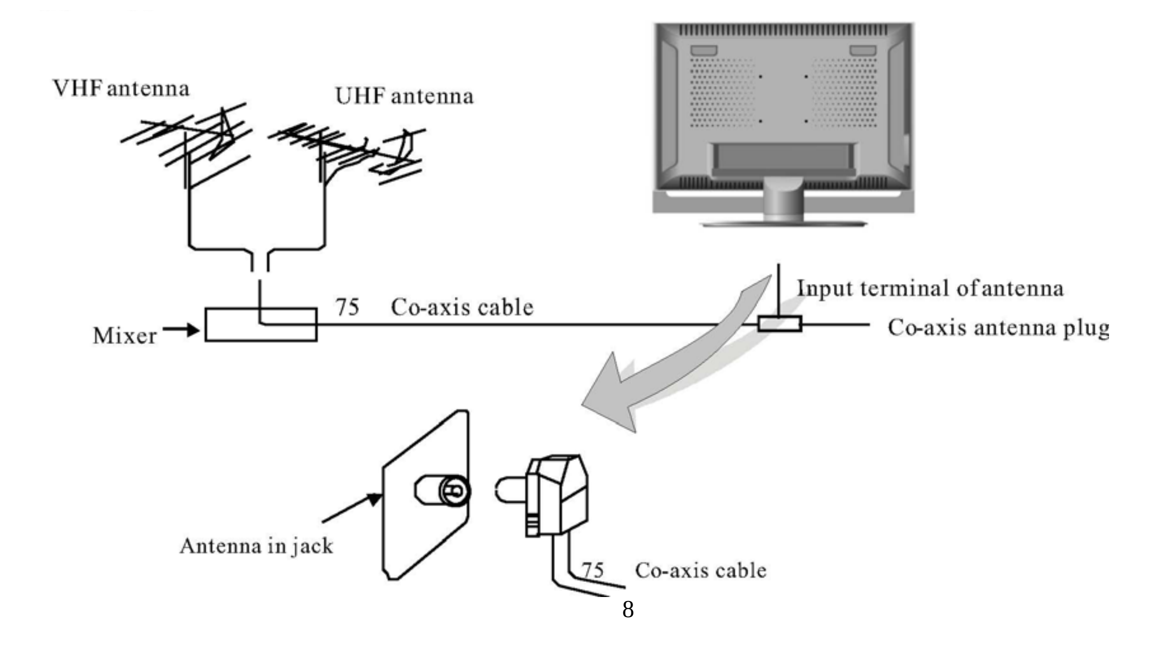


Television Installation

Connect antenna or video facility

1.Use 75Ω coaxial cable plug or 300-75Ω impedance converter to plug in antenna input terminal on the rear of the cabinet.

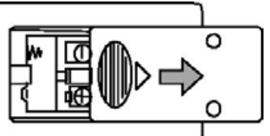
2.Connect the video facility to the audio, video in jack on the rear of the cabinet.



Television Installation

The remote control uses two 1.5V AAA batteries.
For battery installation and replacement are as following:

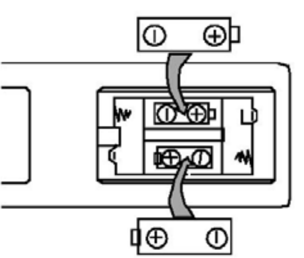
1. Turn the remote control unit upside down. Press down the grip of battery compartment and slide the color in the direction of the arrow.



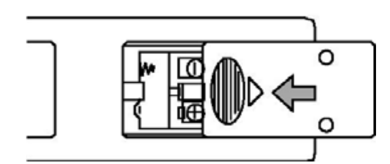


2. Install two new batteries, make sure that battery polarity matches with

   the “+”, “-”marks inside the battery. Or not it could damage the unit.



3. Close the battery compartment covers.



Function Description of Key on Remote Control

The location and function of key in the remote control are as the following picture:
(PN: SMC-OTH-3211RC01)



1. [POWER]

Turn on and off, carry out the function of standby and turn-on.

2. [MUTE]

Press the key, sound output will be muted. Press [MUTE] key again, or Volume Up, the sound volume will return.

3. [SLEEP]

Press [SLEEP] key, then the auto turn-off time will change as following:

OFF→15→30→45→60→OFF among which OFF means to quit this function.

4. [NICAM]

While watching TV program, switch modes of sound processing NICAM of the program.

MONO→STEREO→MONO

5. [DISPLAY]

Display the following information:

(1) The current program number or signal source.

(2) The stereo mode.

6. [SCART]

Press the key to switch to the SCART mode, Press [SCART] key again to the SCART2 mode.

7. [ZOOM]

Switch the size of the picture in the sequence as following:

FULL→ZOOM→NORMAL→PANORAMA→AUTO→FULL

8. [NR]

Press the key to switch Noise Reduction mode:

MIDDLE→STRONG→OFF→WEAK→MIDDLE

9. [HDMI]

Press the key to switch to the HDMI mode, Press [HDMI] key again to the HDMI2 mode.

10. [0] ~ [9]

Digital key [0]~[9] key, According to the current program digits. The selecting range of the program is 1~200.

11. [-/--]

Numeric digits select:

- 1 digit mode

-- 2 digit mode

--- 3 digit mode

12. [RETURN]

Jump back to the previous program or source.

13. [PICTURE]

Press [PICTURE] key, then picture will change as follows:

STANDARD→DYNAMIC→SOFT→PERSONAL.

Press [PICTURE] key once the current picture setup will be shown.

14. [SOUND]

Press [SOUND] key, then sound will change as follows:

STANDARD→NEWS→MUSIC→PERSONAL.

Press [SOUND] key once the current sound setup will be shown.

15. [SOURCE]

Press [Source], signal source changes as following:

PC→HDMI→HDMI2→TV→AV→SVIDEO→SCART→SCART2→YPBPR

Press [CH- /CH+] key to select above source. Press [VOL-/VOL+] key to enter.

16. [PREVIEW]

Press [PREVIEW] key to enter preview mode, and again to play program, you can select your program by the [VOL-/VOL+] or [CH-/CH+] key, press [MENU] key to play normally and quit preview mode.

17. [MENU]

Enter or quit each menu page.

18. [CH-] / [CH+]

While not in the mode of TV, Press [CH-/CH+] key to switch to the television mode. On TV mode is next channel selection.

Down or up in menu.

19. [VOL-] / [VOL+]

When MUTE is OFF, decrease or increase sound volume, range is 0~100. When MUTE is ON, press [VOL+] key is to quit mute mode and increase sound volume.

Decrease or increase the relevant value in menu.

20. [RED] (for Teletext)
It carries out the function of red key while in the mode of text.

21. [GREEN] (for Teletext)
It carries out the function of green key while in the mode of text.

22. [YELLOW] (for Text)
It carries out the function of yellow key while in the mode of text.

23. [CYAN] (for Teletext)
It carries out the function of cyan key while in the mode of text.

24. [INDEX] (for Teletext)
While entering the mode of text, press this key to return to the index page.

25. [CANCEL] (for Teletext)
When a page is selected in the mode of text, it may take some time before it becomes available, press the [CANCEL] key will return to the TV mode.
When the required page is found, the page number will appear at the top of the TV picture, press the [CANCEL] key to return to the mode of text for you to browse this page.

26. [SIZE] (for Teletext)

While entering the mode of text, it is used to change the display scale of text.

27. [SUBPAGE] (for Teletext)

If already entered text mode via [TXT/CC] key, this key functions as sub-page. After pressing this key, 4 digit key of sub-page number should be entered next.

If sub-page is not displayed in a short time, you can press [CANCEL] key to back to the picture.

System will automatically display the sub-page if it is found lately. Press this key again to back to normal text mode.

28. [HOLD] (for Teletext)

To keep the current text display not be refreshed, press it again will cancel this state.

29. [REVEAL] (for Teletext)

Open / close some hidden information in the current text page.

30. [TXT/CC] (for Teletext)

Switch TV into text mode. Or press [TXT/CC] key to quit text mode while in the text mode.

31. [SIZE] (for PIP)
While entering the mode of PIP, it is used to change the display scale of sub-window.

32. [POSITION] (for PIP)
While entering the mode of PIP, it is used to adjust the horizontal and vertical position of sub-window.

33. [SOUND] (for PIP)
While entering the mode of PIP, it is used to change the audio out mode of main or sub-window.

34. [SWAP] (for PIP)
While entering the mode of PIP, it is used to change the video out mode of sub-window.

35. [ON/OFF] (for PIP)
Press [ON/OFF] key, to enter or quit the PIP mode.

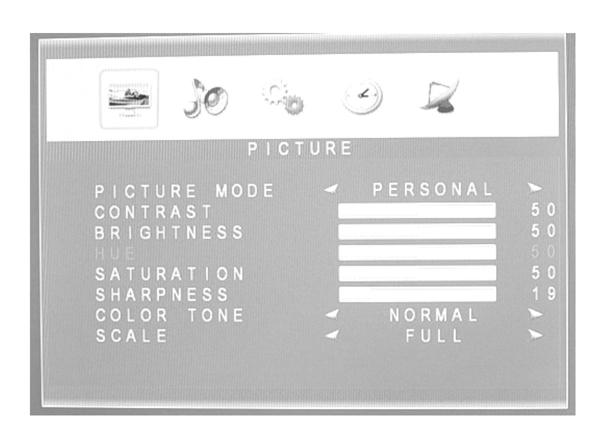
The OSD menus

OSD adjustment in TV, AV, S-VIDEO, YPBPR, SCART mode:

. Press [MENU] key and you can get the OSD menu. Press [VOL-/VOL+] key and you can select different sub-menus, five classes altogether. Press [CH-] key to enter the sub-menu.

PICTURE

1. The right picture is the sketch map of the picture menu.
2. The definition of each option:



. PICTURE MODE: Set the picture preset to STANDARD→DYNAMIC→SOFT→PERSONAL→STANDARD by using the [VOL- / VOL+] key.

. CONTRAST: Change the value of contrast with the [VOL- / VOL+] key in rang of 0 to 100.

. BRIGHTNESS: Change the value of brightness with the [VOL- / VOL+] key in rang of 0 to 100.

. HUE: will only show when the color system is NTSC.

. SATURATION: Change the value of color with the [VOL- / VOL+] key in rang of 0 to 100.

. SHARPNESS: Change the value of sharpness with the [VOL- / VOL+] key in rang of 0 to 100.

. COLOR TONE: Set the color temperature preset to STANDARD→WARM→COOL→STANDARD by using the [VOL- / VOL+] key.

. SCALE: Set the picture size preset to FULL→ZOOM→NORMAL→PANORAMA→AUTO→FULL by using the [VOL- / VOL+] key.

SOUND

1. The right picture is the sketch map of the sound menu.



2. The definition of each option:

. SOUND MODE: Set the sound mode in the sequence of STANDARD→NEWS→MUSIC→PERSONAL→STANDARD by using the [VOL- / VOL+] key.

. BASS: Change the value of bass with the [VOL- / VOL+] key rang of 0 to 100.

. TREBLE: Change the value of treble with the [VOL- / VOL+] key rang of 0 to 100.

. BALANCE: Change the value of balance with the [VOL- / VOL+] key rang of 0 to 100.

. EQUALIZER: Press [VOL+] key to enter equalizer sub-menu, Press [CH- /CH+] key to select above frequency options.
Press [VOL-/VOL+] key to change the value.

. SUBWOOFER: Set the function of subwoofer on or off.

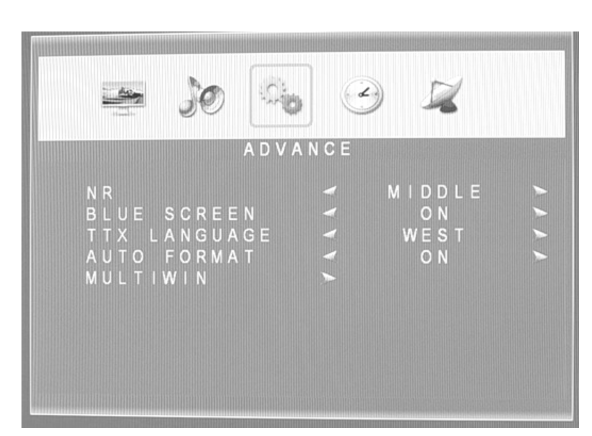
. AVC: Setup the function of AVC on or off.

. LOUDNESS: Set the loudness by using the [VOL-/VOL+] key as following:
MODE1→MODE2→MODE3→MODE4→MODE5→OFF .

. SUPERBASS: Set the function of super bass on or off.

ADVANCE

1. The right picture is the sketch map of the sound menu.
2. Introduction to each item:



. **NR**: Set the Noise Reduction by using the [VOL-/VOL+] key as following: OFF→WEAK→MIDDLE→STRONG .

. **Blue Screen:** Set the function of blue background on or off.

. **TTX LANGUAGE:** Set the function of TTX Language as following:
WEST→EAST RUSSIAN→RABIC→FARSI.

. **AUTO FORMAT**: Set the function of AUTO FORMAT on or off by using the [VOL- / VOL+] key.

. **MULTIWIN:** Preview function setup. Press [VOL+] key to enter MULTIWIN sub-menu:

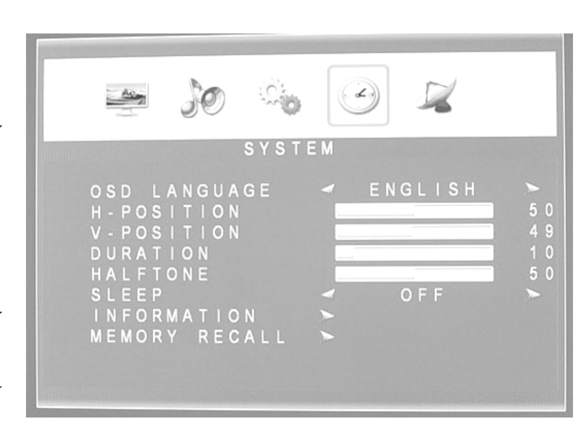


a. COLUMN: Change the max columns of program pictures shown on the screen with the [VOL- / VOL+] key.

b. ROW: Change the max rows of program pictures shown on the screen with the [VOL- / VOL+] key.

c. T**IMER**: Adjust the update time of each picture shown on the screen with the [VOL- / VOL+] key.

SYSTEM



1. The right picture is the sketch map of the SYSTEM menu.
2. The definition of each option:

. OSD Language: Select the language of the OSD menu by press [VOL-/VOL+] key, language will be changed as follows: English→ Russian→French→German→Italian→Spanish→ Portuguese → Polish → Simplified-Chinese → Traditional-Chinese .

. H.POSITON: Set the OSD position. Press [VOL-/VOL+] key to adjust the horizontal position of OSD menu.

. V.POSITON: Set the OSD position. Press [VOL-/VOL+] key to adjust the vertical position of OSD menu.

. DURATION: Set the limit time of the OSD auto disappear.

. HALFTONE: Set the diaphaneity of the OSD menu.

. SLEEP: Select the auto turn-off time will change as following:
OFF→15→30→45→60→OFF among which OFF means to quit this function.

. INFORMATION: Press [VOL+] key to display the software version information.

. MEMORY RECALL: Reset the OSD menu to default.

TV CHANNEL

1. The right picture is the sketch map of the TV menu.
2. The definition of each option:

. Color System: Color system setup. Press [VOL-/VOL+] key, color system changes as follows: AUTO→PAL→SECAM .

. Sound System: Sound system setup. Press [VOL-/VOL+] key, sound system changes as follows: AUTO→B/G→I→D/K→ L/L' .

. MTS: Change the stereo mode among MONO / STEREO by pressing [VOL- / VOL+] key when relative RF stereo signal is available.

. AUTO SCAN: Press [VOL+] key to start auto search. In the process of searching, press [MENU] key to quit search and to stay at program 1.

. MANUAL SEARCH: Press [VOL+] key to start manual search forward. And press [VOL-] key to search backward. The first program will be the present program (given a program number); press [MENU] key in the searching process to stop searching. If there is no program searched, then it will stop at blue back.

. SWAP: Press [VOL+] key to change program for TV channels.

. FINE TUNING: Press [VOL-/VOL+] key to fine tuning.

. SKIP: When it is OFF, skip is not available; if it is ON, the present program could be skipped through [CH-/CH+] key, but it could be Achieved through [-/--] and [0]~[9] key, and program number is red.

. AFC: select the function of Auto frequency control on and off with the [VOL-/VOL+] key.

. PROGRAM AREA: Setup the region of currently channel by using the [VOL-/VOL+] key as follows:

GERMANY → SWITZERLAND → SWI-FRA → SWI-ITA → BELGIUM → BEL-DUTCH → NETHERLANDS → DENMARK → FINLAND → ITALY → NORWAY → SWEDEN → LUXEMBOURG → FRENCH → CZECH → POLAND→HUNGARY→CROATIA→ENGLAND→AUSTRIA .

OSD Adjustment in PC/HDMI mode

. Press [MENU] key and you can get the OSD menu. Press [VOL-/VOL+] key and you can select different submenus, five classes altogether. Press [CH-] key to enter the submenu.

. In PC /HDMI input, the options in SOUND / SYSTEM menu functions the same as those in SOUND / SYSTEM menu in TV input with the same name.

. While not input of VGA signal, the screen will show this " NO SIGNAL " prompt information.

PC (for PC mode only)

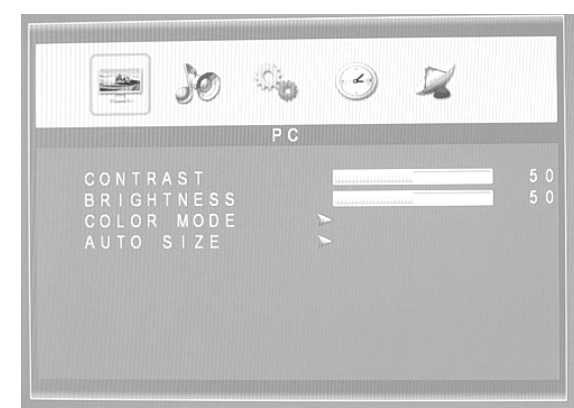
1. The right picture is the sketch map of the PC menu.
2. The definition of each option:

. CONTRAST: Press [VOL+] key to adjust the difference between light and dark area.

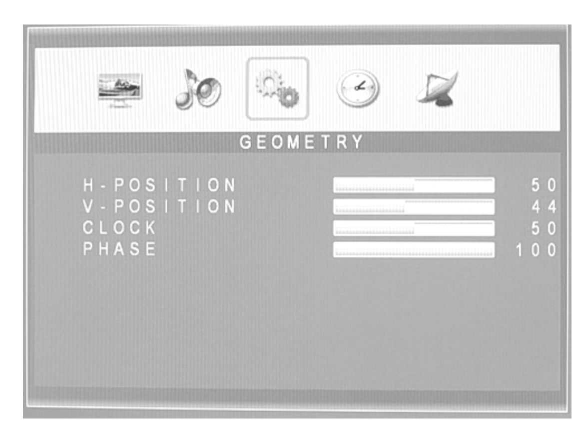
. BRIGHTNESS: Press [VOL+] to adjust the brightness of the display.

. COLOR MODE: Press [VOL+] key to adjust the color temperature.

. AUTO SIZE: Press [VOL+] key to adjust the H-POSITION, V-POSITION, CLOCK and PHASE automatically.



GEOMETRY (for PC mode only)



1. The right picture is the sketch map of the GEOMETRY menu.
2. The definition of each option:

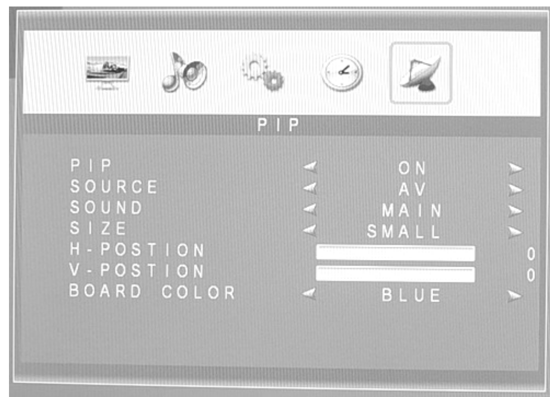
   . H-POSITON: Press [VOL-/VOL+] key to adjust the horizontal position of the display.

   . V-POSITON: Press [VOL-/VOL+] key to adjust the vertical position of the display.

   . CLOCK: Press [VOL-/VOL+] key to adjust sampling frequency.

   . PHASE: Press [VOL-/VOL+] key to adjust sampling phase.

PIP



1. The right picture is the sketch map of the PIP menu.
2. The definition of each option:

   . PIP: Select the PIP function is on or off.

   . SOURCE: Press [VOL-/VOL+] key, sub-window source changes as follows: AV→S-VIDEO→SCART→TV→AV .

   . SOUND: Select the audio output is main-window or sub-window.

   . SIZE: Press [VOL-/VOL+] key, sub-window size changes as follows: SMALL→MIDDLE→LARGE→SMALL .

   . H-POSITON: Press [VOL-/VOL+] key to adjust the horizontal position of sub-window.

   . V-POSITON: Press [VOL-/VOL+] key to adjust the vertical position of sub-window.

   . BOARD COLOR: Select the sub-window board color is blue or black.

Troubleshooting

Before arranging for service, firstly know the status and then check simply as follows:

Problems	Check
No picture or sound	Check if the power supply is plugged in. Check if the power switch is in “on” position.
Picture is OK, no sound	Check if the volume control is set to the minimum or mute position.
Remote control doesn’t work	Check if the power switch is in “on” position. Check if the batteries are out of use or not connected well. Make sure that there is no strong light striking the sensor window of remote control unit. Check there are no obstacles between the sensor window and remote control unit.
No TV signal	Check if the SOURCE key is not set to TV status. Check if the antenna is well connected. Check if you installed the TV correctly.
No external video signal	Check if you installed the TV correctly. Check if the SOURCE key is set to AV position.
Picture lacks color or picture too dark	Check color, brightness and contrast controls are correctly adjusted.
All channels lose color intermittently	Check if the antenna is broken. Check if the antenna is disconnected. Check if the antenna is damaged.
Poor reception, loss of color with certain channels.	Check if channels are correctly tuned.

Troubleshooting

Problems	Check
Diagonal stripes appear on picture	Check if the power supply is plugged in. Check if the power switch is in “on” position.
Picture has “snow”	Check if the antenna is broken. Check if the antenna is disconnected. Check if the antenna is damaged.
Ghost images appear	Check if the antenna direction has been changed by a storm or strong wind, etc. (because ghost images are caused by the arrival at the antenna of both the signal which has traveled directly from the transmitter and the signal which has been reflected from a hill or a large building. The direction for minimized ghosting.)

Display Mode

Resolution (PC)	Frequency (Hz)	Resolution (DVD/TV)	Frequency (Hz)
720 x 400 (DOS)	70 Hz	**480I, 480P**	60 Hz
640 x 480 (VGA)	60 / 75 / 85 Hz	**576I, 576P**	50 Hz
800 x 600 (SVGA)	60 / 75 / 85 Hz	**720I**	50 / 60 Hz
1024 x 768 (XGA)	60 / 75 / 85 Hz	**720P (for YPbPr / HDMI)**	50 / 60 Hz
1280 x 768 (WXGA)	60 / 75 Hz	**1080I (for YPbPr / HDMI)**	50 / 60 Hz

Specifications

Items	Relevant Illustrations
Screen size	32 inch TFT
Number of Pixels	1366 x 768 pixel
MAX Lifetime	Backlight 50,000 hours
Color System	PAL, SECAM
Sound System	D/K, BG, I, L/L’
Teletext	100 page storage
Channel and Frequencies	VHF Low channel (VL)=49.75 to 160.25 MHz
	VHF high channel (VH)=168.25 to 450.25 MHz
	UHF channel (UHF)=451.25 to 863.25 MHz
Television Channel	190-Position Program Memory
OSD Language	English, French, German, Italian, Spanish, Russian, Portuguese, Polish, Simplified Chinese, Traditional Chinese
Audio	Stereo Speaker 8W x 2
Wall Mount	VESA Standard (400 x 200 mm)
Power Input	AC 100~240V, 50/60 Hz
Power Consumption	Working 200W(Max), Standby 4W

Specifications

Dimension	898 x 708 x 350 mm (Carton)
Net Weight	17 Kg (Net) / 22 Kg (Gross)
Accessories	User Manual x 1 Warranty Card x 1 Web Registration Card x 1 Remote Control x 1 AAA Battery x 1 (pair) Power Cord x 1

Note:
All specifications are subject to change without notice.
Different country marketed item, it is the few function with use manual content maybe is differential.

目 錄

注： 此手冊的內容可能隨時更改，恕不另行通知。

介紹

感謝你購買我們的液晶電視。它可以被當作一台普通彩電或是顯示器來使用。想要有個良好的開端嗎，請仔細閱讀本說明書吧。

安裝注意：

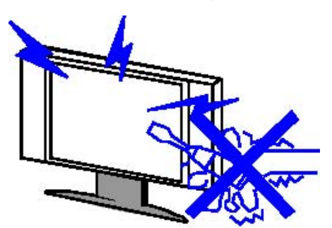
- 電視機應擺放在光線不能直接照射在熒幕的房間裏。太黑或是來自熒幕的反射都會引起眼睛的疲勞。
- 柔和的光線，不直接的照射會使觀看電視更加舒服。電視機和牆壁之間保持足夠的空間可以使空氣流動更通暢。
- 避免放在櫥櫃中以防止因過熱而導致可能的損壞。
- 這台電視接收機可供以交流 AC 100~240V電壓，頻率爲50/60 Hz，不能邊接到進流供電或其他直流電源上。
- 不要在一些熱源比如：電暖器，空調，太陽光附近或是一些封閉的區域內安裝這台電視機。
- 當使用這台電視機時，請不要蓋住它的通風口。

注 意

不要嘗試修改電視機的內部元器件或者做一些本的冊中沒有提到的一些控制操作。LCD屏是一個超過900000薄膜電晶體高技術含量的產品。有時候，螢幕上可能會出現一些失效的圖元點，便如在固定的位置出現一些藍色，綠色或紅色；請注意，這些絕對不會影響產品的正常工作。



警告及注意事項

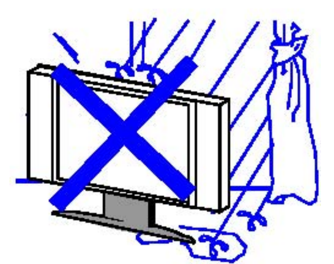


警告

本產品使用到了高電壓。

不要擅自撬開機器後蓋，向有經驗的服務人員要求這方面的服務。

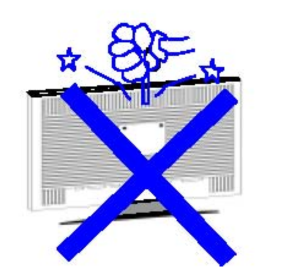




警告

爲了預防水災和電擊的危險，請不要把電視機的主部件暴露在雨水或潮濕的空氣裏面。



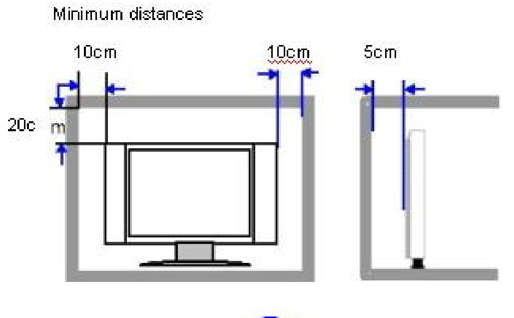


警告

不要向電視機後殼的狹槽或開口裏扔物品，更不要潑灑任何種類的液體到電視機上。



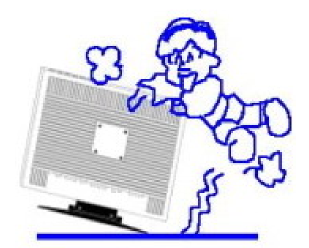
警告及注意事項



注意

如果把電視機放進一個隔間或是相對擁擠的空間裏，必須如右圖一樣保持最小的間距。過熱會縮短電視機的壽命而且也會造成危險。

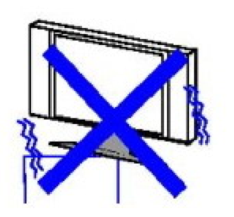




注意

不能站在、倚在電視機上，或是用力推電視機，你應該特別關照你的孩子們注意這方面的事情。



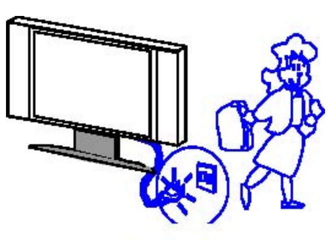


注意

不要把電視機放在一個不牢靠的架子，擱板或是桌子邊緣，因爲如果它掉下來會嚴重傷害到個人，並會損壞電視機本身。



警告及注意事項



注意

當不看電視的時候，建議從電源插座上拔出電視機的電源插頭。

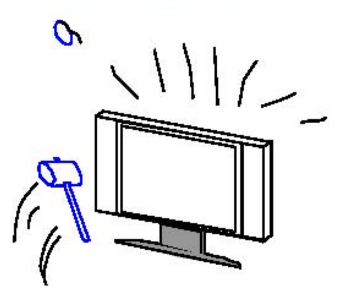




注意

應該避免使機器主要部件直接暴露在陽光等熱源下面。也不要把電視機放在其他散熱量的產品上，比如：視頻卡帶播放器，音頻功放等。不要堵住後蓋上的通風孔。通風對於防止電器產品的故障至關重要。另外，注意不要踩扁了電源供電線。





注意

本產品的液晶屏是玻璃做的，所以當本產品跌落或被擠壓時易破碎，當它破碎時，要小心不要被玻璃碎片弄傷了。



本機按鍵及介面說明

本機按鍵

1.電源鍵

2. 信號源切換鍵（**TV/AV**）

3. 菜單鍵 (**MENU**)

4.頻道減鍵(**P -**)

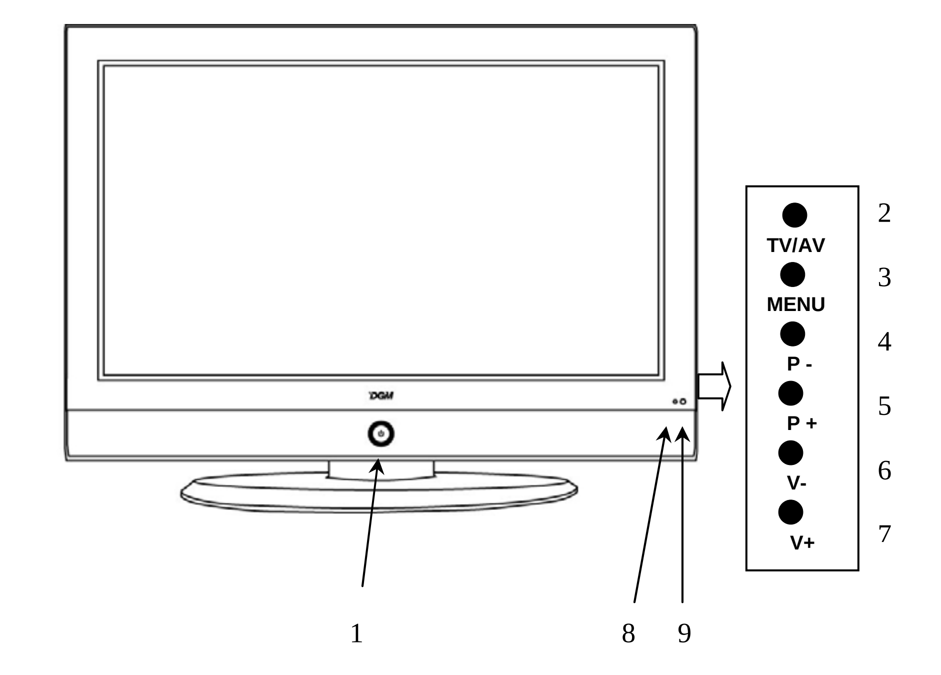
5.頻道加鍵(**P+**)

6. 音量減小鍵 (**V-**)

7. 音量增加鍵（**V+**）

8.電源指示燈

9.遙控接收頭

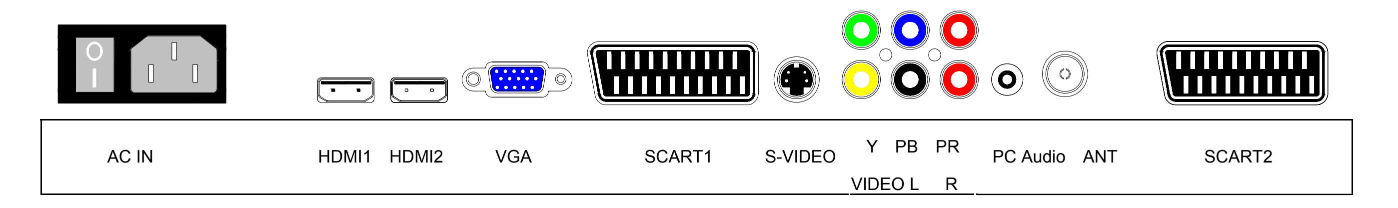


備註：如上所述，第1,2,3,4,5,6,7 是本機控制鍵，我們能在搖控器上找到相對應功能的按鍵。

本機按鍵及介面說明

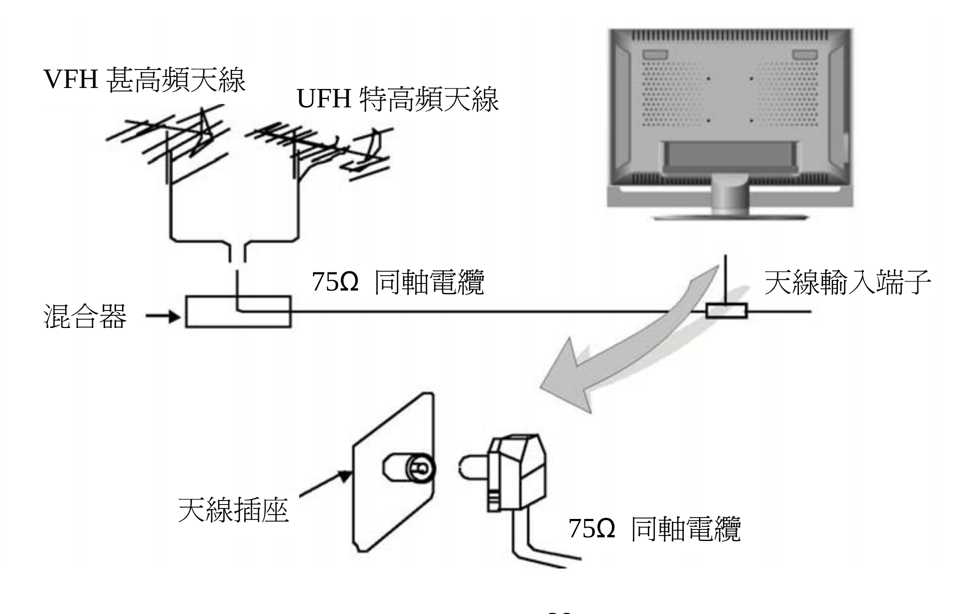
介面說明：

1. AC IN: 電源插座及開關
2. HDMI1/ HDMI2: HDMI 輸入介面
3. VGA: VGA(D-Sub 15pin) 輸入介面
4. SCART1/ SCART2: SCART 輸入介面
5. S-VIDEO: S-Video 輸入介面
6. YPBPR: YPbPr 輸入介面
7. VIDEO: 視頻輸入介面
8. L / R: 左/右聲道輸入介面(用於 Video / S-Video / YPbPr)
9. PC AUDIO IN: PC音頻輸入介面 (用於PC / HDMI)
10. ANT: 天線輸入介面 (75Ω)



連接及準備

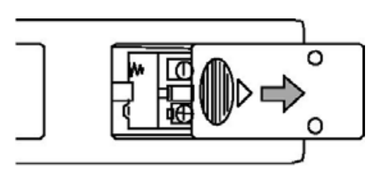
如何連接天線或視音頻信號：
使用 75Ω 同軸電纜或 300-75Ω 阻抗轉換器就可將天線插入電視機後面板的插座裏。視音頻線可插入電視機背後面板的相應插座裏。



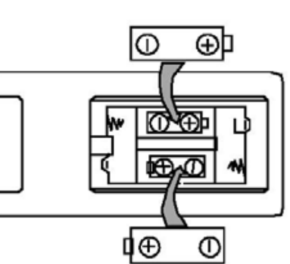
連接及準備

搖控控制單元的電視安放和替換：搖控器使用兩節 1.5V AAA 的電池.
電池的安放和替換步驟如下：

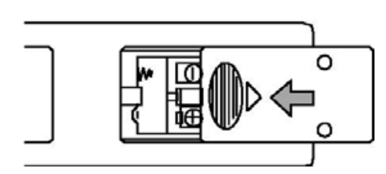
1. 拉下安放電池處的保護片，按照箭頭的方向操作。



2. 放入兩節新電池,請確認電池的安放方向,放反了的話會損壞遙控器單元。



3. 合上電池的保護蓋。



遙控器功能說明

本產品所使用的遙控器:

(PN: SMC-OTH-3211RC01)



1. [POWER] 電源按鈕

按下這個按鈕，電視機處於待機狀態，重復按下該鍵則恢復正常工作。

2. [MUTE] 靜音

按下該建，聲音處於靜音狀態。重復按下該鍵，或者按場音音量鍵，聲音將恢復。

3. [SLEEP] 睡眠

設置自動關機時間。

按下[睡眠]鍵，自動關機時間將被設置成下面幾種狀態：

關→15→30→45→60→關 。

4. [NICAM] 麗音

在TV模式下，轉換收聽的麗音模式：

單音→立體聲→單音

5. [DISPLAY] 顯示資訊

可以顯示以下資訊:

(1) 當前節目或信號源。

(2) 身歷聲模式。

6. [SCART] SCART切換

按此鍵切換到 SCART 信號輸入模式, 再次按下該鍵切換到 SCART2 信號輸入模式。

7. [ZOOM] 縮放

選擇螢幕顯示畫面的大小，順序如下：

全屏→縮放→標準→全景→自動→全屏

8. [NR] 降噪

按此鍵調節畫面背噪模式: 中→強→關→弱→中

9. [HDMI] HDMI切換

按此鍵轉換到 HDMI 模式, 重復按下該鍵轉換到 HDMI2 模式。

10. [0] ~ [9]

直接按數位鍵即可切換到對應的頻道，頻道選擇範圍爲 1~200。

11. [-/- --]

按[-/- --]選擇擇頻道號的位元數，頻道號按如下順序依次變化：

- → - - → - - -

分別是個位數、十位數、百位數。

12. [RETURN] 回看

按此鍵跳轉至前一個收看的頻道或信號源。

13. [PICTURE] 圖像模式

按下該鍵一次，螢幕顯示當前圖像模式。
重復按下該鍵，圖像模式按以下順序依次切換：
標準→明亮→柔和→用戶。

14. [SOUND] 聲音模式

按下該鍵一次，螢幕顯示當前聲音模式。
重復按下該鍵，聲音模式按以下順序依次切換：
標準→新聞→音樂→用戶。

15. [SOURCE] 信號輸入

按下該鍵，信號源切換如下：

電腦→HDMI→HDMI2→電視→視頻→SVIDEO→SCART→SCART2→YPBPR

按[CH- /CH+] 鍵選擇信號源，按[VOL+] 鍵進入選定的信號模式。

16. [PREVIEW] 多畫面瀏覽

按此鍵進入瀏覽模式，並自動從當前頻道開始依次搜索所有頻道。每搜索到一個新的頻道後，將自動切換到下一個子畫面，依次迴圈。除當前搜索中的子畫面外，所有子畫面保持靜止。再次按下該鍵後，搜索過程停止，此時可按[VOL-/VOL+] 或 [CH-/CH+]鍵選擇子畫面，按 [MENU] 鍵退出瀏覽模式並正常播放節目。

在“功能”子菜單中的“多畫面”選項，可對子畫面的列/行數量及時間進行調整。

17. [MENU] 菜單

按下該鍵使主菜單顯示在螢幕上，再次按下可以退出菜單。

菜單操作時，通過[VOL-/VOL+]鍵選擇子菜單，通過[CH-]鍵進入，按[MENU]鍵退出。

在子菜單中，可通過[VOL-/VOL+]鍵改變參數值。

18. [CH-] / [CH+] 頻道

當不處於 TV 模式下時，按 [CH-/CH+] 鍵可切換到 TV 模式。在 TV 模式下時，在菜單內按[CH-/CH+]鍵，則選擇前/後一頻道。

19. [VOL-] / [VOL+] 音量

按下[VOL-/VOL+] 鍵，在 0~100 範圍內調節音量。在靜音狀態下時，按[VOL-/VOL+] 鍵可退出靜音模式。

圖文模式按鍵說明

20. [RED] (僅用於圖文模式)

在圖文模式下按紅色鍵調出該功能介面。

21. [GREEN] (僅用於圖文模式)

在圖文模式下按綠色鍵調出該功能介面。

22. [YELLOW] (僅用於圖文模式)

在圖文模式下按黃色鍵調出該功能介面。

23. [CYAN] (僅用於圖文模式)

在圖文模式下按青色鍵調出該功能介面。

24. [INDEX] (僅用於圖文模式)

在圖文模式下，按下該鍵直接跳轉至圖文的索引頁。

25. [CANCEL] (僅用於圖文模式)

在圖文模式下，某些圖文而面需要等待一段時間才能被顯示在螢幕上，此時可按下該鍵，螢幕顯示回到電視狀態，當該頁圖文可正常顯示時，圖文頁碼將顯示在螢幕上，此時再次按下該鍵返回圖文模式瀏覽。

26. [SIZE] (僅用於圖文模式)

在圖文模式下，按下該鍵，改變圖文顯示字體的大小。

27. [SUBPAGE] (僅用於圖文模式)

在圖文模式下，按下該鍵以選擇圖文子頁,按下該鍵後，可輸入4位的圖文子頁頁碼直接進行選擇。如果子頁在短時間內沒有顯示出來,你可以按 [CANCEL] 鍵回到圖文模式。 如果系統找到了子頁則會自動顯示出來。再次按下該鍵，恢復至正常圖文模式。

28. [HOLD] (僅用於圖文模式)

在圖文模式下，按下該鍵可保持當前顯示圖文不被刷新，再次按下該鍵將恢復正常。

29. [REVEAL] (僅用於圖文模式)

打開/關閉當前顯示圖文頁中的隱藏資訊。

30. [TXT/CC] (僅用於圖文模式)

按下該鍵，將電視切換至圖文模式，再次按下該鍵則退出圖文模式。

PIP 模式按鍵說明

31. [SIZE] (僅用於 PIP 模式)

在 PIP 模式下，按下該鍵，改變 PIP 畫面的顯示大小。

32. [POSITION] (僅用於 PIP 模式)

在 PIP 模式下，按下該鍵，調整 PIP 畫面的水平和垂直的位置。

33. [SOUND] (僅用於 PIP 模式)

在 PIP 模式下，按下該鍵，更改主畫面和 PIP 畫面的音頻輸出模式。

34. [SWAP] (僅用於 PIP 模式)

在 PIP 模式下，按下該鍵，更改 PIP 畫面的視頻輸出模式。

35. [ON/OFF] (僅用於 PIP 模式)

按下該鍵，進入 PIP 模式，再次按下該鍵則退出 PIP 模式。

用戶菜單說明

TV, AV, S-VIDEO, YPBPR, SCART模式用戶菜單操作：

按[MENU]鍵進入用戶菜單，按[VOL-/VOL+]鍵選擇子菜單，按[CH-]鍵進入子菜單；按[VOL-/VOL+]或[CH-/CH+]鍵進行操作，再按[MENU]鍵返回上級菜單或退出。

影像菜單

1. 右邊是影像菜單截圖。
2. 影像菜單各參數項：



．**圖效**：用[VOL-/VOL+]鍵切換預置的圖效模式：標準→明亮→柔和→用戶→標準 。

．**對比度**：用[VOL-/VOL+]鍵在0-100的範圍內調整畫面對比度。

．**亮度**：用[VOL-/VOL+]鍵在0-100的範圍內調整畫面亮度。

．**色調**：僅在當前影像彩色制式爲NTSC時才可調。

．**飽和度**：用[VOL-/VOL+]鍵在0-100的範圍內調整畫面飽和度。

．**清晰度**：用[VOL-/VOL+]鍵在0-100的範圍內調整畫面清晰度。

．**色溫**：用[VOL-/VOL+]鍵切換預置的色溫模式：標準→暖色→冷色→標準 。

．**比例模式**：用[VOL-/VOL+]鍵切換預置的比例模式：全屏→縮放→標準→全景→自動→全屏 。

聲音菜單

1. 右邊是聲音菜單截圖。
2. 聲音菜單各參數項：



. **音效**：用[VOL-/VOL+]鍵切換預置的音效模式：標準→新聞 →音樂→個人設定→標準 。

. **低音**：用[VOL-/VOL+]鍵在0-100的範圍內調整聲音中的低頻部分。

. **高音**：用[VOL-/VOL+]鍵在0-100的範圍內調整聲音中的高頻部分。

. **平衡**：用[VOL-/VOL+]鍵在0-100的範圍內調整左右聲道的平衡。

. **五段均衡**:按[VOL+]鍵進入均衡模式子菜單,按[CH-/CH+]鍵選擇相關頻段進行調整。

. **超重低音**：用[VOL-/VOL+]鍵打開或關閉超重低音功能。

. **響度**：用[VOL-/VOL+]鍵切換預置的響度模式：模式 1→模式 2→模式 3→模式 4→模式 5→關閉。

. **重低音**：用[VOL-/VOL+]鍵打開或關閉重低音功能。

功能菜單

1. 右邊是功能菜單截圖。
2. 功能菜單各參數項：



. **圖像降噪**：用[VOL-/VOL+]鍵調節畫面的背噪模式**:** 中→強→關→弱→中 。

. **藍屏**：用[VOL-/VOL+]鍵打開或關閉藍屏模式。

. **電視圖文語言**：用[VOL-/VOL+]鍵調節電視圖文語言模式：WEST→EAST RUSSIAN→RABIC→FARSI。

. **自動轉換**：用[VOL-/VOL+]鍵打開或關閉自動轉換功能。

. **多畫面**：按[VOL+]鍵進入多畫面瀏覽模式子菜單：

a. **列分割**： 在多畫面瀏覽模式下，用[VOL-/VOL+]鍵調整螢幕顯示子畫面的列數。
b. **行分割**： 在多畫面瀏覽模式下，用[VOL-/VOL+]鍵調整螢幕顯示子畫面的行數。
c. **瀏覽時間**：在多畫面瀏覽模式下，用[VOL-/VOL+]鍵調整在每個子畫面上停留時間的長短。

系統菜單

1. 右邊是系統菜單截圖。
2. 系統菜單各參數項：

. **語言**：用[VOL-/VOL+]鍵設置 OSD 菜單語言: 英語→簡體中文→繁體中文→德語→法語→西班牙語→波蘭語→義大利語 →葡萄牙語→俄語 。

. **水平位置**：用[VOL-/VOL+]鍵調整 OSD 菜單在螢幕上的水平位置。

. **垂直位置**：用[VOL-/VOL+]鍵調整 OSD 菜單在螢幕上的垂直位置。

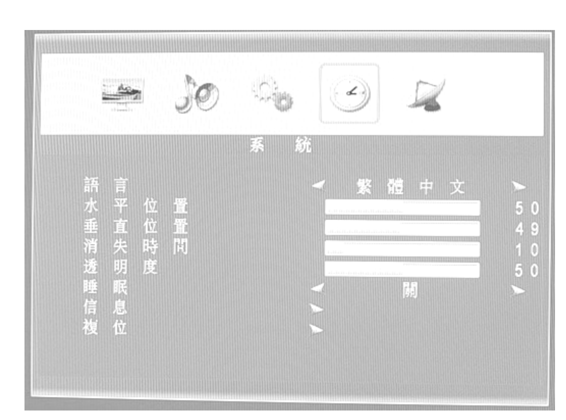
. **消失時間**：用[VOL-/VOL+]鍵調整 OSD 菜單的消失時間。

. **透明度**：用[VOL-/VOL+]鍵調整 OSD 菜單的透明度。

. **睡眠**：用[VOL-/VOL+]鍵選擇下面預設的自動關機時間：關→15→30→45→60→關 。

. **資訊**：按[VOL+]鍵查看軟體版本資訊。

. **重定**：按[VOL+]鍵，把 OSD 菜單恢復爲默認狀態。



電視菜單（此菜單僅在TV輸入模式下可見）

1. 右邊是電視菜單截圖。

2. 電視菜單各參數項：

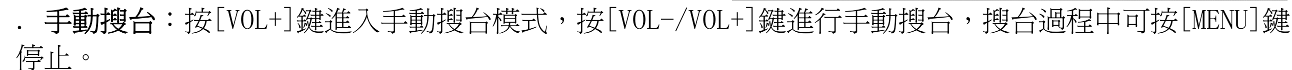


. **彩色制式**：用[VOL-/VOL+]鍵選擇彩色制式：自動→PAL→SECAM。

. **聲音制式**：用[VOL-/VOL+]鍵選擇聲音制式：自動→B/G→I→D/K→L/L’。

. **麗音**：用[VOL-/VOL+]鍵設置TV輸入下的麗音模式：單音→身歷聲→單音。此功能以當地電視臺輸出的信號爲准。

. **自動搜台**：按[VOL+]鍵開始自動搜台，搜台過程中，按[MENU]鍵停止。



. **手動搜台**：按[VOL+]鍵進入手動搜台模式，按[VOL-/VOL+]鍵進行手動搜台，搜台過程中可按[MENU]鍵停止。

. **交換**：按[VOL+]鍵進入子菜單對不同頻道號碼之間進行交換設置。

. **微調**：用[VOL-/VOL+]鍵對頻道進行微調。

. **跳過**:若某頻道此項被設置爲開,則當用[CH-/CH+]選台時,該頻道不會被選中,但可通過[-/--]和[0]~[1]鍵直接輸入頻道號選擇。跳過設置爲開時，該頻道號顯示爲紅色。

. **自動微調**：用[VOL-/VOL+]鍵調整自動微調功能的打開和關閉。

. **搜台區域**：用[VOL-/VOL+]鍵設置搜台區域的語言: 德語→瑞士語→瑞士-法語→瑞士-義大利語→比利時語→比利時-荷蘭語→荷蘭語→丹麥語→芬蘭語→義大利語→挪威語→瑞典語→盧森堡語→法語→捷克語→匈牙利語→克羅地亞語→英語→奧地利語。

PC/HDMI 模式用戶菜單操作

. 按[MENU]鍵進入用戶菜單，按[VOL-/VOL+]鍵選擇子菜單，按[CH-]鍵進入子菜單；按[VOL-/VOL+]或[CH-/CH+]鍵進行操作，再按[MENU]鍵返回上級菜單或退出。

. 在 PC 和 HDMI 輸入模式下，“聲音”和“系統”菜單的功能與 TV 輸入模式下的是樣同的。

. 當在 VGA 模式下沒有信號輸入時，這螢幕將顯示“無信號”提示資訊。

電腦菜單（此菜單僅在PC輸入模式下可見）

1. 右邊是電腦菜單截圖。

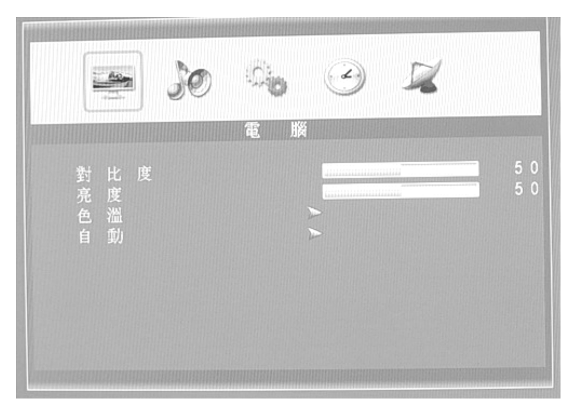
2. 電腦菜單各參數項：

. **對比度**：用[VOL-/VOL+]鍵在0-100的範圍內調整畫面對比度。

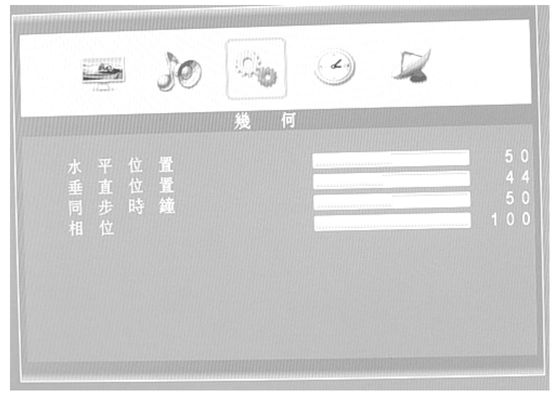
. **亮度**:用[VOL-/VOL+]鍵在0-100的範圍內調整畫面亮度。

. **色溫**：用[VOL-/VOL+]鍵切換預置的色溫模式：標準→暖色→冷色→標準。

. **自動**：用[VOL+]鍵自動調整畫面的解析度到最佳模式。



幾何菜單（此菜單僅在PC輸入模式下可見）



1. 右邊是幾何菜單截圖。
2. 幾何菜單各參數項：
 . **水平位置**：用[VOL-/VOL+]鍵調整畫面的水平位置。
 . **垂直位置**：用[VOL-/VOL+]鍵調整畫面的垂直位置。
 . **同步時鐘**：用[VOL+]鍵選擇畫面的色溫模式。
 . **相位**：用[VOL+]鍵自動調整畫面的解析度到最佳模式。

畫中畫菜單（此菜單僅在PC或HDMI輸入模式下可見）



1. 右邊是畫中畫菜單截圖。
2. 畫中畫菜單各參數項：
 . **畫中畫**：用[VOL-/VOL+]鍵打開或關閉畫中畫功能。
 . **子畫面**：用[VOL-/VOL+]鍵設置子畫面的信號輸入模式。
 . **聲源**:用[VOL-/VOL+]鍵選擇聲源輸出爲主畫面或子畫面。
 . **大小**：用[VOL-/VOL+]鍵設置子畫面的尺寸大小。
 . **水平位置**：用[VOL-/VOL+]鍵調整子畫面的水平位置。
 . **垂直位置**：用[VOL-/VOL+]鍵調整子畫面的垂直位置。
 . **邊框**：用[VOL-/VOL+]鍵設置子畫面邊框的顔色爲藍色或黑色。

故障檢修

在安排服務之前，首先瞭解一些電視機的狀態並進行一些簡單的檢查：

症狀	可能因素	解決方法
圖像有雪花狀斑點有噪音	連接已松脫或電纜已損壞。	檢查天線電纜以及電視機上的天線連接是否正確。
	轉送信號微弱。	嘗試用信號增強器。
圖像良好沒有聲音	音量水平過低。聲音被消除。	按壓V+/V-鍵以提高音量水平。按壓MUTE鍵以取消消音。
圖像有點線或條紋	受周圍環境(如汽車，霓虹燈，吹風機等)影響。	不要在電視機旁使用吹風機或其他電器。
圖像無色彩	彩色水平設定過低	顯示“圖像菜單”並選擇菜單裏的“顏色”選項，然後調整顏色濃度。
	彩色制式設定不適當	顯示“設定”菜單及檢查“彩色制式”設定(一般將此設定爲“自動”)
沒有圖像沒有聲音	電源線，天線或錄影機沒有被連接。	檢查電源線，天線和錄影機之間的連接是否正確。
	電視機電源沒有被接通。	按壓遙控器上的電源鍵。按壓電視機上的(主電源)鍵以切斷電視機的電源，五秒左右後再次接通電源。

故障檢修

症狀	可能因素	解決方法
圖像出現反常彩色斑點	受外部揚聲器或其他電器電磁性的影響，或受地球磁場方向的影響。	將電視機放在離外部揚聲器或其他電器較遠的地方。請別移動已被接通電源的電視機。按壓電視機上的(主電源)鍵以切斷電視機電源。約五分鐘後在接通電視機電源。
電視螢幕上有移動條紋	受外來因素干擾，例如重型機器或附近的廣播站等。	使用“微調”功能。
電視機外殼吱嘎聲	室溫的變化有時會導致電視機的外殼膨脹或縮小，因而產生噪音。這並不表示發生故障。	--------------

顯示模式

解析度(PC)	刷新頻率 (Hz)	解析度(DVD/TV)	刷新頻率(Hz)
720 x 400 (DOS)	70 Hz	**480I, 480P**	60 Hz
640 x 480 (VGA)	60 / 75 / 85 Hz	**576I, 576P**	50 Hz
800 x 600 (SVGA)	60 / 75 / 85 Hz	**720I**	50 / 60 Hz
1024 x 768 (XGA)	60 / 75 / 85 Hz	**720P (for YPbPr / HDMI)**	50 / 60 Hz
1280 x 768 (WXGA)	60 / 75 Hz	**1080I (for YPbPr / HDMI)**	50 / 60 Hz

產 品 規 格

專案	規格說明
螢幕尺寸	32 寸TFT
像 素	1366 x 768 像素點
使用壽命	背光燈組 50000小時
彩色制式	PAL, SECAM
聲音制式	D/K, BG, I, L/L’
圖文	100 圖文
TV頻率	VHF (VL)= 49.75 - 160.25 MHz
	VHF (VH)= 168.25 - 450.25 MHz
	UHF (UHF)= 451.25 - 863.25 MHz
TV頻道	最大200個頻道數量
菜單語言	英語，簡體中文，繁體中文，德語，法語，西班牙語，波蘭語，義大利語，葡萄牙語，俄語
音頻	身歷聲 8W x 2
挂牆標準	VESA標準 (400 x 200 mm)
輸入電源	交流 100~240V, 50/60 Hz
電源功耗	工作200W(最大), 待機 4W

產 品 規 格

尺寸	898 x 708 x 350 mm (外箱)
重量	17 Kg (淨重) / 22 Kg (總重)
隨機附件	說明書 x 1 保修卡　x 1 上網註冊卡　x 1 遙控器　x 1 AAA電池　x 1 (對) 電源線　x 1

注：此手冊的內容可能隨時更改，恕不另行通知。
銷往不同的國家(地區)，部分功能會與說明書的描述存在差異。

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